Field Trip to Alice Springs
N.T..

Canberra via Adelaide – Alice Springs

12/9/55 ——

L J Chinnick

Collection No. 69

L. J. Chinnick

14/9 – 12/10/55

Alice Springs area and northern
South Australia

13/9/55 Lowan St. Ch. 1.
No Specimen = 2. 2 Eumast.

Remarks

Stop 2397 Ch —
No specimens ~~[illegible]~~ 3 Acridids

Stop 2398 Ch —
No specimens. 8 Acridids.

Stop 2399. Ch. 2, 3. (Moraba sp.)
Specimen Nos. — 2. Eumast.
On Triodia irritans?

14/9/55.

Gladstone:— 2366
Pt. Germein turn off at. 2391. Turned left.

Stop. 2397. Undulating hills, with rocky outcrops.
Perloccia sp. (♀)
mostly lightly timbered. Natural green pasture composed of Danthonia, Stipa, Enneapogon sp together with medic (minima ~~denticulata~~?) and small yellow flowered composite. Timber. E. cammaldulenses in gully along creek edge with E. calcicultrix? dominant on slopes. Pt. Germein Pass.
Ch. terminifera nymphs Praxibulus nymphs.

Stop 2398. Mallee on slopes with Yacka. Some
Cratilopus sp. (♀), Perloccia sp. (♀)
Triodia in patches. Hills stoney with Acac. ligulata. E cammald. in creek. Cratilopis sp.

Stop 2399 Steeply sloping hills — very rocky
Moraba sp.
Mallee on crest with abundance of Yacka on slope. Trioda and shrubs on lower slopes. Stipa, medicago minima, and helichrysum sp. Moraba on Trioda. 1 sp. parasitised. larvae apparently fed on testes on Ch. 3.
Cas. stricta and both Acacia & Myoporum sp. on lower slopes bordering creek. E. cammaldulensis on creek bank.

Remarks

Stop 2408. Ch —
No. Specimens 4 Acridids

Stop 2423 Ch —
No Specimens 2 Acridids

Stop 2425 Ch 4, 5. (Moraba sp.)
No. Specimens 6 Eumast.

Pt Germein 2407

Stop 2408 Lowlying coastal salt pan, covered with
Desertana sp.
samphire and in places areas of A. vesicaria. Pigface
and yellow flowered composite (Senecio sp.) scattered
Myoporum linneata
throughout. Scattered small trees of ~~Eremophila sp.~~
Pealresia sp. inhabiting samphire. Nymphs of this sp.
very numerous.

2414 Baroota. 2420 Turned right to 2423.

Stop 2423 Mambrey Creek Reserve. High rocky hills
Rusuplia sp., Perloccia sp. (J)
on either side of running creek. Creek and valley lined
with E. cammaldulensis, sides with C. glauca,
Pittostrum sp. E. , Eremophila sp. Trioda on
crests with Cas. Pasture mainly M. minima,
Crytastemma, Thistle sp. and Sysimbrium. Favored
areas some Stipa and Danthonia. Specimens
taken from Triodia area on hill crest. The macrotona inhabiting the spinifex, the Praxibulus
the inter-tussock vegetation of Cryptastemma
and Sysimbrium.

Stop 2425 ~~[illegible]~~. Steep hills on either side of creek, timbered
Moraba sp.
with C glauca and Bursaria spinosa (shrub to 4ft)
grassed with various flowering plants dominant being
Bulbine. Poa and Aristida sp providing main
cover; Moraba on Poa. Creek at base of hills
with E. cammaldulensis, Melaluca sp. &
Leptospermum sp.

Remarks.

Stop 2441 Ch —
No Specimens 3 Acridids

2465 Stop. —
No. Specimens 2. (1 scarab + 1 Gryllacridid)

Stop 2484 Ch 6, 7, 8, 9, 10
No Specimens. 10 (1 fly + 7 Eumast. + 2 acridids)

Stop 2491 Ch —
No Specimens 2 acridids

Stop 2502 Ch —

2420 = 2431. back on main road

2441 Stop. Area of K pyramidata with some
Cratilopus sp., Desertaria sp., Cuparessa sp
A vesicaria & spongosa. M minima dominant ground
cover. & E gracilis as occasional.

Pt. Augusta 2461.

2465 Stop. collected at light. 4 miles W. of Pt Augusta.
thence back to hotel Pt. A. at 2469.

15/9/55. Pt. Aug — Quorn.

Pt Augusta 2472

Stop 2484 Low rocky hill with Kochia sedifolia,
Cratilopus sp., Moraba sp.
Zygophyllum sp, Cassia, & Acacia victoria, and
Composite, Olearia phylloroides. Ground relatively bare
with patches of M. minima, Hordeum leporinum
and a spiny fruited Crucifera. Moraba suspected
of living on shrubs. Day windy. ? possibly the
K. sedifolia?

24·86 Woolshed Flat

Stop 2491 Relatively cleared crest of hill
Rusuphia sp., Pedoccia sp. (?)
covered with patches of Triodia. E. leucoxylon
in parkland formation. No moraba seen in
Triodia tussocks. E. gracilis also present.

Quorn 2496. left Quorn 2497. ~~Arden~~ Vale Rd.

Stop 2502. Area of Triodia, on roadside.

Remarks

No. Specimens 7 (1 coleopt. + 6 acridids)

Collected at Train Stops

Boorthanna Stn. Ch—, No Specimens 1 acridid

< Duff Creek. Ch ——

No specimens 3 acridids

= 1 station south of Duff's Ck on Alice Springs line

Edwards Ck. Ch— No. Specimens 9 Acridids

Remarks.

Stop 2559 Ch 11 (10 specimens) Ch 12.

No Specimens. 34 (2 flys + 7 Acridids + 25 Eumast.)

NB. All ♂ specimens together in a series on the left of the Ch no. refer to that number.

Eumast. taken from sp. of Cymbopogon.

Chortoicetes terminifera, Austracris guttulosa,

soil reddish clay with ground cover of M minima

Cratilopus sp.,

and the spiny-fruited cruciferea. Odd small trees of Acacia present.

2504 turned left to Depot Fil— ?

2505 returned to 2504 = 2506

Quorn 2514: entrained 6.15 pm for Alice Springs.

16/9/55

Cuparessa sp.

Boorthanna Stn 1 ♀ ~~Buforania~~. gibber plain

< Duff Creek 2 ♀ Urnisa + 1 ♀ Ecphantis

Urnisa guttulosa, Ecphantus quadrilobus

sandy clay pan area A. spongeosa A. vesicaria

Calotis sp.

Edwards Creek. Apotropis sp., Urnisa guttulosa,

Cuparessa sp., Stropis maculosa, Pycnostictus seriatus

Arrived Alice Springs 11.15 AM 17/9/55

18/9/55. Stanley Chasm

Alice Springs 2526

Stanley Chasm 2559 In rather narrow

Moraba sp., Desertaria sp., Buforania sp.,

gully amongst hills. Hills covered with Spinifex

Macrotona sp., Pycnostictus seriatus, Apotropis

at base along creek E papuanna with Cycads

sp., Ablectia sp.,

along steep sides of hill. A species of Cymbopogon at longer edge of hills — Moraba sp. found here. South side of Stanley Chasm. Walked

Remarks

Stop 2560 Ch ——

No Specimens 21 Acridids

Stop 2561 Ch 20 (10 spec.)

No of Specimens 2 series {(1) 26 (18 Acridids + 8 Eumast)
(2) 15 Eumast.

→ 41

through chasm - followed defile out to valley amongst hills. Moraba taken here on Cymbopogon n.sp. and Aristida. Form of E. Dumosa, mallee growing here. Nth side chasm

Stop 2560.

Creek plains. E. papuana and Acacia sp.
Buforania sp., Apotropis sp., Desertaria sp. ~~(?)~~
Digitaria Brownii dominant. Much leaf-plant
Ecphantus quadrilobus, Goniaea spp. (?), Apotropis sp.
debris throughout. area partly sandy but for
Aiolopus tamulus, Azelota sp., Genus nov. 28,
most part covered with water-washed stones.
Pycnostictus seriatus, Urnisa guttulosa, Cateospa
Pandanea sp. (shrub) also present. area lead up to
corallipes
stoney spinifex hills but not collected from.

Stop 2561 Rocky outcrop with Eremoph. & Acacia sp.
Buforania sp., Coryphistes sp., Ecphantus
shrubby. sides slightly stoney but giving way
quadrilobus, Peakesia spp. (?), Urnisa guttulosa,
to sandy loam on approach to creek area. Moraba
Azelota sp., Moraba sp., Apotropis sp.
taken here amongst Digitaria Brownii. Trichinium sp. abundant together with Abutilon sp and Enneapogon. Moraba nymphs 2-3 at 3-4 / sq yd. Ch. 20. (10)

Alice Springs at 2591

Remarks.

Stop 2624   Ch 22.

No specimens 2 Series {(1) 1 Eumast Ch22.
(2) 6 acridids + 4 Eumast
11

Stop 2627   Ch. —

No specimens 15 (1 Tettigon. + 10 acridids + 4 Eumast.)
Warramunga on Chloris divaricata.

Warramunga on Chloris divaricata

Stop 2633   Ch 12 (6 spec)

No specimens.   series (1) 5 (2 acridids + 3 Eumast.)

19/9/55 Undoolya Rd

Alice Springs 2607.

Stop 2624. Sandy plain adjacent to high bluff
Buforania sp., Desertaria sp., Froggattina australis,
Accacia estrophylata (Ironwood) dominant with Sida sp
Moraba sp.,
Brachycome and odd clumps of D. Brownii on plain.
Face of bluff covered with Triodia & ~~irritans~~ Eremophila
Trichinium and Enneapogon with yellow composite
amongst rocks. Moraba on bluff base on Sida sp
& Enneapogon. Ch 22. (1)

Stop 2627 Valley floor between two ranges. Soil
Cryptobothrus sp., Pleakisia sp., Stropis maculosa,
sandy loam with A. aneura A. tetragonaphylla,
Pycnostictus seriatus, Moraba spp. (2)
E. striata, E. sp. (Cork bark) with Erem. Freelingii
group at shrub level. Pasture. Brachycombe,
Eneapogon as dominant and some Eragrostis sp. A.
semibactum dominant on central floor area
as periphery of large dense Chloris divaricata stand. This is
at present working as outbreak centre with Ch
terminifera predominantly adults at density of 1–2
/sq yds. numerous nymphs 4–5th included in
density fig. Occasional E. terminalis present
throughout Chloris stand. Food shelter-
habitat approx. 60 acres in extent.

Stop 2633 Creek bed at base of stone ridge. Ridge
Moraba sp., Goniaga sp.
covered with spinifex & Eremoph. sp. E. terminalis

Remarks

(2) 6 Eumast.
11

Stop 2637 Ch. 23 (3 specimens)
No specimens. 2 series (1) 3 Eumast.
(2) 27 (10 Eumast + 17 acridids)
30

Warramunga from Bassia uniflora.

Stop 2661 Ch 24. (5 specimens).
No specimens 2 series (1) 5 Eumast.
(2) 9 (4 acridids + 5 Eumast.)
Moraba on all sp. of veg. 14

Stop 2666 Ch. 25 (3 spec).
No. specimens. 2 series (1) 3 Eumast.
(2) 8 (2 acrid. + 1 Phas. + 5 Eumast.)

Froggattina australis, Pycnostictus seriatus, Coryphistes sp., Austracris guttulosa
11 acridids + 14 scarabs = 25 ←

~~Rusurplia sp.~~
No specimens 4 (2 scarabs + 1 mantid + 1 Tettigon) ←

in creek bed. Area in creek bed with Chloris divaricata
Eulalia fulva and Eraneopogon oblongata. Warramunga
in Chloris etc. stand. Ch. 21.(6) ~~Ch.~~ ( )

Stop 2637 Stoney slope leading down to creek where
Buforania sp., Desertaria sp., Qualetta maculata,
soil changes to sandy loam. A. aneura together with
Bepllsoia sp., Stropis sp., Moraba sp., Macrazelota
C. freelingi group. On sandy soil B. uniflora growing
~~sp.~~ Ceroina, Genus nov. 6 (?).
in clumps — Warramunga taken on it. Here also
was isolated clumps of Stipa, Brachycome sp. Helichrysum
and Enneapogon. On stoney slope K. georgi, Trichinium,
K. tomentosa, and clumps of Eragrostis. Ch. 23. (3)

Turned back along same tracks at 2637

Stop. 2661 Area of sandy plain with thick
Moraba spp., Collitera sp., Froggattina australis,
Swainsonia sp. Craspedia sp. and Nicotiniana sp.
Tapesta sp.
Moraba's scattered throughout and very numerous
Many 2-3rd instars present. Ch 24. (5)

Stop 2666 Ch 25 (3) Sandy plain (small) amongst
Moraba spp.(2), Rusurplia sp., Peakesia sp.
rocky low knobs. Craspedia with old remains of
Chloris divaricata. Collected alongside of road. Small
shrubs. Cassia sp. Eremoph.

2667 Alice Springs

5 mls. Sth. of A. Springs at light. 19/9/55
At: Alice Springs at light 19/9/55

Remarks

20/9/55

Stop 2720 Ch 15. 16.
No. specimens. 36 (3 Eumast. + 33 acridids)

Stop 2721 Ch ——
No specimens 13 (3 acridids + 10 Eumast).

Stop 2721·6 Ch 14. 17. 18. 19. 26. 27. 28.
No specimens. 25 (1 Phas + 7 acridids. + 17 Eumast.)

Stop 2722 Ch 29. 30. 31. 32.
No. specimens. 18 (9 acridids + 9 Eumast.)

20/9/55 Alice Springs — Burts Plain

2688 Alice Spring.

Stop 2720. Creek area. A. aneura with odd Euc.
Goniaea sp., Buforania sp., Desertaria sp., Urnisa
Terminalis and numerous A. farnesiana shrubs. Main
guttulosa, Aiolopus tamulus, Ecphantus quadrilobus,
ground cover Psoralia sp. albutilon sp. Sida sp. and
Froggattina australis, Moraba sp., Goniaeoidea sp.,
patches of Dicantheum. Senecio Gregorii occurring as
occasional. Creek stoney with several channels.

Turned around at 2720 retracing trip back to
Alice Springs.

Stop 2721 Plains country — soil tending self-mulching
Ecphantus quadrilobus, Moraba spp. (2), Genus
pasture sparse, Brachycome sp, Calotis hispidula, K
nov. 6 (?)
brachyptera and odd clumps of Eragrostis setifolia.
Warramunga confined to Eragrostis. Moraba to other
pasture.

Stop 2721·6 Flat area with mosaic scalds. Treed
Urnisa guttulosa, Ecphantus quadrilobus,
with A. aneura Dodonea sp. G. striata and Hakea.
Azelota spp. (2), Desertaria sp.. Moraba spp. (2)
Pasture patchy composed, D. ecenolensis, Enneapogon,
A. mitlleri, Salsola sp. Calotis hispidula and occasional
clumps of Astrebla. A tall Aristida sp scattered
throughout.

Stop 2722 Heavy country with A. aneura and
Desertaria spp., Bepfessia sp., Macrolopholia sp. (8),
Eremophila sp. Kempii. Kochia sp. K Georgei with Chloris
Pycnostictus seriatus, Froggattina australis,
acicularis sp. as dominants. Mixed herbs — Calotis
Moraba spp. (3)
hispidula, Centipedea sp. together with Themeda sp.

Remarks.

Stop 2727 Ch 13.
No specimens 5 (4 acridids + 1 Eumast).

21/9/55.

Stop 2762 See page 10. Top left hand page.

Enneapogon oblogata. & Senecio sp. making up remainder of pasture in the better watered depressions,

Stop 2727 A. aneura country on flat red soil
Pycnostictus seriatus, Desertaria sp., Comphistes
plain with numerous trees dead. A. tetragonaphylla
sp., Moraba sp.
and Accacia sp to height of 3ft as understratum. Area considerably bare with Eragrostis sedifolia in clumps. Under trees, Brachycombe sp and some Chloris sp to limit of tree crowns.

Alice Springs 2752

21/9/55. Alice Springs — Mt. Gillen

Alice Springs. 2758

Stop 2762. Lower slopes and valley floor of hills
Macrazelota cervina, ♀ Buforania sp., Cephalantus
adjacent to Mt. Gillen. Fine pebbly plains with
quadrilobus, Pycnostictus serratus, Peakesia sp.,
Scattered Euc. terminalis A. tetragonaphylla and A.
Desertaria sp., Moraba spp. (2), Genus nov. 6(?), Azelota
Kempiana. Small creeks bordered with Dicantheum
sp., Froggattina australis, Genus nov. 5(?)
sp and Aristida clumps, some Themida & Solanum sp. also present. Ground flora comprising Calotis hispidula Enneapogon polyphyllis, Atriplex muelleri. Calocephala Dittrichii Aristida ~~[illegible]~~ arenaria, Sida sp. & Atriplex melanocarpum. Bassia sp. Helipterum floribunda. Brachypterus sp taken from pebbly soils. Under tree shade grass tussocks present & they don't extended farther than shade area cast,

Remarks

Stop 2762. Ch. 34, 33, 35, 36, 37, 38.
Specimen No. — 85 (1 fly + 56 Eumast. + 28 acridids)

3 (1 mantid + 2 scarabs) + 2 (1 acridid + 1 scarab)
22/9/55 Ruse, plin sp.

Stop 2807 Ch —
No specimens 26 (1 Phas. + 3 Eumast. + 22 acridids)

Stop 2823. Ch. 39, 46, [illegible]
No specimens 19 (7 Eumast. + 12 acridids)

Stop 2828 Ch —
No specimens 26 (3 [illegible] + 23 acridids)

[illegible] Moraba present. Warramunga confined mainly to [illegible] along creek area.

Alice Springs 2767

Alice Springs at night 21/9/55

22/9/55 Alice Springs — Hurst's Bluff

Alice Springs 2778

Stop 2807 [illegible]

[illegible] Moraba sp. [illegible]

[illegible] Ruse, plin sp. [illegible]

Stop 2828 [illegible]

[illegible] Hurst's Bluff

[illegible]

23/9/55

Stop 2855 Ch ~~[illegible]~~ 42.43 44.45. 46.47.48.
No specimens 25 ([illegible] + 5 Eumast.)
2 series (2) 9 Eumast.

Stop 2863 Ch. 49.50.51.52.
No specimens 2 series (1).12 (8 acridids + 4 Eumast.)
(2) 4 Eumast.

Stop 2867 Ch —
No specimens 21 (1 fly + [illegible] acridids)
Stop 2869 Ch —
No specimens 20 (5 Eumast. + 15 acridids
Stop 2879 Ch —
No specimens 17 (7 acridids + 10 Eumast.)

Stop 2880 Ch 54.55.
No specimens 8 (1 acridid + 1 Gryllacrid + 6 Eumast.)

Stop 2898 Ch. 53.
No specimens 18 (1 Phas + [illegible] + 8 Eumast.)

23/9/55

2854 [illegible]

Stop 2855 [illegible]

Stop 2863 [illegible]

Stop 2867 [illegible]

Stop 2869 [illegible]
[illegible] 2872 [illegible] 2872 + 2877

Stop 2879 [illegible]

Stop 2880 [illegible] present.

Stop 2898. [illegible]

Remarks

Stop 2913 Ch —
No specimens 8 (2 Eumast. + 6 acridids)

24/9/55
Stop 2930 Ch —
No specimens 15 (Acridids

12.

[illegible]
[illegible] with [illegible] formation
in [illegible] slope leading to plateau [illegible]. Collected
on [illegible] under [illegible] — may have fallen
from [illegible]. Hills on outer fringe of McDonnell
Ranges.

Stop 2913 Small [illegible] hill [illegible]
[illegible]
to larger hills [illegible] base of the [illegible]
[illegible]
[illegible]. Hill with [illegible] and
[illegible] broad [illegible]. Collected
[illegible] on this [illegible]. Height of [illegible] 12–15 ft.
2930 Camped

24/9/55 [illegible] Bluff [illegible]
Stop 2930 [illegible]
[illegible]
[illegible] Bluff [illegible]?
[illegible]
[illegible]
[illegible]
[illegible] to shallow gullies. [illegible]
at [illegible]. [illegible]
[illegible]
[illegible].

[illegible]
[illegible] Bluff [illegible] of 2937

Remarks.

Stop 2943. Ch. —
No specimens 4 acridids

Stop 2952 Ch —
No specimens 22 acridids

Stop 2953A Ch —
No specimens 8 (3 acridids + 5 Eumast.)

Stop 2953B Ch —
No specimens 10 (6 acridids + 1 fly + 3 Eumast.)

Stop 2965 Ch —
No specimens 6 (1 moth + 5 acridids)

Return along same track 2945–2930 → [illegible]
thence to [illegible] Creek.

Stop 2943 [illegible] with Acacia
[illegible] sp., Macrazelota sp., [illegible] nov. 6(?)
[illegible]
[illegible]
[illegible] and [illegible].

Stop 2952 A. [illegible] together with
Goniaeo [illegible] sp., [illegible] sp., [illegible] sp.,
[illegible]
[illegible]
[illegible] nov. 6(?),
silty plain. [illegible] sp. [illegible],
[illegible]
[illegible] of silty [illegible].
[illegible] shallow depression [illegible] with
[illegible].

Stop 2953A. [illegible]
[illegible] sp. (?), [illegible]
[illegible]
[illegible] Emmeapen.
[illegible]

Stop 2953B [illegible]
Morata spp. (2), Rusiopliss sp., Discotaria sp., Macrotona sp.
[illegible]

Following [illegible] 2910.

Stop 2965 [illegible]
[illegible] sp., [illegible] sp., [illegible]
[illegible]

Remarks

Stop 2975 Ch —

No specimens 14 (3 scarabs + 7 Eumast + 2 acridids + 2 Tettigon).

Stop 2983 Ch —

No specimens 2 sims (1) 4 (1 acridid + 3 Tettigon) [illegible]
(2) 7 (3 acridid + 4 Eumast) Box 3.

Stop 3002 Ch —

[illegible]
a [illegible] Triodia [illegible] Small
[illegible] plants together with some Eragrostis &
small Acacia about 10 ft formed the cover.
Complete absence of [illegible] (1 [illegible]). [illegible]
([illegible]) similar to [illegible] [illegible]
[illegible] quite numerous.

Camped 2975 Dashwood creek. Scarabs - Tettig to camp light.

25/9/55 Dashwood Ck to Hamilton Downs

2975 Stop On bank of Dashwood creek. Eucalyptus [illegible] [illegible] with [illegible] [illegible] [illegible] [illegible] standing [illegible] Sphingonotus found on creek bed sand. [illegible] [illegible] of [illegible] [illegible] [illegible].

Stop 2983 [illegible] [illegible] [illegible] [illegible] mulga[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] & under trees. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] quite dense.

2999 [illegible] H.S.

Stop 3002. Open extensive [illegible] plain on

Remarks

No. specimens 7 (6 acridids + 1 Eumast.)

Stop 3012 Ch —

No. specimens 3 acridids.

Stop 3018 Ch —

No. specimens 3 acridids

Stop 3025 Ch —

No. specimens 11 (2 phasmids + 8 acridids + 1 Eumast.)

Stop 3045.

No specimens) at light 84 (3 mantids + 1 phasmid + 1 tettigon. + 9 acridids + 70 scarabs)
34 (1 Eumast. + 1 tettigon. + 32 acridids)
Total 118

[illegible]
heavy red soil. Small patches of Triodia [illegible] in areas of lighter soil. [illegible] together with a [illegible] sp. Acridids numerous Ch. [illegible] present as both adult & nymphs. [illegible] seen amongst the Triodia. (specimen).

Stop 3012 Flat Spinifex plain. Odd Grevillea present. [illegible] [illegible] as [illegible] and small [illegible] & Cassia sp.

At 3017 turned left Tanami Track. Mt. Chappel Bore

Stop 3018 Acacia plain. Heavy [illegible] country with scattered odd shrub-like [illegible] and Eremophila sp. Much dead timber. Pasture nearly negligible.

Stop 3025 Spinifex sand plain. Treeless [illegible]
[illegible] spp. (2), Warramunga
[illegible] Eremophila and Eremophila.
sp., [illegible]
Area not extensive and bordered all around by Acacia.

3026 Turned right. 3033 Turned right

Continued to 3045. SRES camp.

3045 Collections from camp site p.m. of 25/9/55

3045 at light night of 25/9/55
Histriacridae sp., [illegible], Genus nov. 69, Froggattina australis, Pycnostictus [illegible]

Remarks

Stop 3046-48. Ch. ——

No. specimens [illegible] (3 phasmids + 4 Eumast. + [illegible])

Stop 3050 Ch. 56, 57, 58.

No. specimens 22. (6 Eumast + 1 fly + 1 scarab + 14 acridids)

Stop 3055 Ch. ——

No. specimens 19 (1 fly + 18 acridids)

3066 Ch 59, 60, 61, 62, 63, 64, 65

No. specimens. at light 27 (1 tettigon. + 1 Gryllacridid + 23 scarabs + 2 acridids)

32 (14 Eumast. + 18 acridids)

Total 59

26/9/55 LRRS. Camp Area Hamilton Downs

Returned along track into LRRS camp [illegible]. [illegible] track. Left at 3045.

Stop 3046-48 [illegible] Triodia Basedowii plain [illegible] (Ptilotus spp. (3)) [illegible] with [illegible] sp. [illegible] [illegible] [illegible] sp. and [illegible] [illegible] Cassia.

Stop 3050 [illegible] patch with [illegible] spp. (2), [illegible] and Cassia sp. and [illegible] [illegible] ? [illegible] nov. 12 (?) [illegible] spp. [illegible] nov. [illegible] Triodia pungens ~~[illegible]~~ plain with [illegible] [illegible] and Ptilotus [illegible]

Stop 3055 [illegible] with [illegible] spp. (3), [illegible] nov. 64, [illegible] Triodia pungens, [illegible] with [illegible] sp.

Returned to 3066 :- LRRS Camp

Ecolog. Notes at camp site. Flat sandy plain with [illegible] Triodia Basedowii as dominant with [illegible] nov. [illegible] scattered throughout, with Acacia [illegible] and [illegible] sp as occasionals. [illegible] [illegible] of slightly heavier [illegible] than the sand plain. [illegible] brachypterous acridid confined to this habitat.

Remarks

Stop 3100 Ch. 66, 67, 68, 69, 71.
No. specimens 21 (6 Eumast. + 2 phas. + 1 mant. + 12 acridids)

Stop 3135 Ch. 70.
No. specimens 12 (3 Eumast + 9 acridids)

Stop 3137 Ch ——
No. specimens 17 (8 Eumast. + 9 acridids)

3160 [illegible]

Stop 3162 Ch [illegible] 72, 73.
No. specimens 27 (8 Eumast + 19 Acridids)

17

27/9/55 Camp [illegible] – Alice Springs

Left camp [illegible], Tanami Track [illegible] At Chapple Bore [illegible] – [illegible], continued towards Alice Springs.

Stop 3100 Edge of Crab-hole with [illegible] [illegible] sp. (2) [illegible] [illegible]. Remainder bank back of [illegible] edge. Bank with tall Themeda [illegible] and small Cassia sp.

Stop 3135 Silty plain slightly pebbly. Small Digitaria sp. [illegible] (Bassia [illegible]) [illegible] 3" [illegible] with Eremophila [illegible] & stunted Atalaya hemiglauca [illegible] in mosaic pattern. Some [illegible] of stunted [illegible] salicifolia [illegible] dominant.

Stop 3137 Pebbly plain with Calotis hispidula, Morabia sp., Tapeigia sp., [illegible], Brachycome sp & Bassia uniflora & bicuspis. Occasional [illegible] of Eragrostis in shallow depressions. Soil silty tending self-mulching.

Stop 3162 Rocky outcrop amongst hills [illegible] sp. (2). [illegible] Atalaya hemiglauca, [illegible] sp., [illegible] [illegible], Cassia sp. & [illegible] sp. [illegible] [illegible] in [illegible]. Brachycome & Calotis hispidula on the flats with Themeda & [illegible] in clumps together with [illegible] sp. among the rocks.

Alice Springs. 3172.

Remarks.

Stop Mt Gillen Ch. ——

No. Specimens 22 (3 Eumast + 19 acridids)

Stop 3237 Ch. 74, 75, 76, 77, 78

No. Specimens 49 (16 Eumast + 1 phas + 32 acridids)

Stop 3238 Ch. ——

No. Specimens 11 acridids

28/9/55 Mt Gillen Alice Springs

Collected from slopes and [illegible] rocks. [illegible] dominant on lower slopes giving way to [illegible] with [illegible]. [illegible] with [illegible] and [illegible] sp. Acacia sp. with [illegible] under the [illegible] on lower [illegible]. [illegible] and [illegible] occasionally amongst rocks.

29/9/55 Trip South following Railway Line

Alice Springs 3216.

Stop 3237. Sand hill [illegible] edges – very [illegible] with Cassia sp. in open parkland formation together with odd H. [illegible]. Growing in knolls or groups but widely scattered were patches of [illegible]. Ground cover a mixture of [illegible] + [illegible]. [illegible] sp. from [illegible]. Numerous nymphs of this species.

Pespulia sp., Parazelum sp., Morabe sp.

Stop 3238. [illegible] range. [illegible] throughout. Some [illegible] on the flat [illegible] at base and sides. Range [illegible] out of [illegible] sandhill [illegible] country.

Remarks.

Stop 3240. Ch. ——
No. specimens 5 annuals

Stop 3244. Ch ——
No. specimens 19 (7 perenn. + 12 annuals)

Stop 3251 Ch ——
No. specimens 16 (13 perenn. + 3 annuals)

19

Stop 3240 Sand hills with Triodia pungens and
[illegible]
Casuarina with isolated clumps of [illegible] phylla.

Turned around at this point and returned towards Alice Springs.

Stop 3244. A. aneura on sandy loam with
[illegible]
mixture of both Triodia pungens and
[illegible]
Eremophila, [illegible] Dodonaea sp. and [illegible]
[illegible]
([illegible]) [illegible]

Stop 3251 A. aneura on sandy plain most
[illegible]
dead. Cover sparse, Aristida, Eriachne spp
[illegible]
Sida sp. together with numerous annuals
of composites.

Alice Springs 3264.

Remarks.

Stop 3321. C.L. —
No. specimens 5 (1 Eumast + 4 acridids)

Stop 3375 C.L. —
No. specimens 13 (2 Eumast + 11 acridids)

Stop 3380. C.L. 92.
No. specimens 16 (5 Eumast. + 5 scarabs + 6 acridids)

Stop 3381 C.L. 94, 95, 96.
No. specimens 16 (5 Eumast. + 1 tettigon. + 1 fly + 9 acridids)

20

30/9/55 Alice Springs – Hart's Range
Left Alice Springs 3277 Stuart Hwy
3315 Turned right. Hart's Range Rd.

Stop 3321 Mulga sandy soil with Acacia sp. [illegible] with A. [illegible] [illegible] [illegible] [illegible] Browni [illegible] [illegible] Solanum sp. [illegible] sp. [illegible] under [illegible]

Stop 3375 Outlying rocky area (not more than [illegible] high but [illegible]) with Acacia [illegible] A. kempeana [illegible] Soil lateritic gravelly with [illegible] [illegible] Browni.

Stop 3380. Lateritic sand plain. A. aneura (Mulga), [illegible] A. kempeana and Cassia sp. [illegible] [illegible] [illegible] Camped 3380 [illegible] in debris under Mulga

1/10/55

Stop 3381. Rocky hills outer fringe of Mt Riddock [illegible] sp. [illegible] with Salsola sp. Solanum sp. and both [illegible] and [illegible] [illegible] [illegible] in leaf debris under [illegible] shrub.

Remarks.

Stop 3393 Ch. 79, 80, 81, 82.
No. specimens 13 (1 Tettigon. + 11 Eumast. + 1 Acridid)

Stop 3403 Ch. ———
No. specimens 19 (9 Eumast + 1 Tettigon + [illegible])

Stop 3405 Ch. ———
No. specimens 22 (20 Eumast + 2 Acridids)

Stop 3406 Ch. ———
No. specimens 6 (4 Eumast + 2 Acridids)

Stop 3421 Ch. 86, 87, 88, 89, 90, 91.
No. specimens 13 (11 Eumast + 1 [illegible] + 1 Acridid)

Mt Riddock H.S. 3387

Stop 3393 [illegible] with A. [illegible] and A. [illegible]. Pasture sparse, [illegible] of Atriplex sp. Sida sp. Euph. drummondii and [illegible] sp. [illegible] on [illegible] – Sida sp.

Stop 3403 Harts Range Depot.
[illegible] hill covered with white pebbles on the lower slopes and capped with grass [illegible] some, small [illegible] [illegible] an occasional shrub with white [illegible] [illegible] in profusion. Salsola in clumps throughout.

Stop 3405 [illegible] [illegible] with granite [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] (10/[illegible]) [illegible] outcrop with shrubby plants and some [illegible] [illegible] Eremophila.

Stop 3406 [illegible] [illegible] with [illegible] flood area. Mulga & Euc. terminalis with large [illegible] [illegible] ( ) [illegible], Sida [illegible], Salsola and Atriplex sp.

Stop 3421 Camped River Plenty [illegible] [illegible] [illegible] [illegible] Gomphrena [illegible] [illegible] [illegible] pilularia and [illegible] [illegible], Sida [illegible] and

Remarks.

Stop 3443 Ch. —
No specimens. 13 (9 [illegible] + [illegible])

Stop 3444 Ch —
No specimens. 5 ([illegible] + [illegible])

Stop 3457 Ch. —
No specimens 8 (4 [illegible] + 1 [illegible] + 3 [illegible])

Stop 3460 Ch. 23. 24. 85
No specimens in [illegible].

Salacia sp. [illegible] [illegible] with [illegible] [illegible]

2/10/35 Left on same route back to [illegible] Springs. Arrived 3441

Stop 3443 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] with [illegible], [illegible] [illegible]. [illegible] [illegible] [illegible] sp and [illegible] [illegible] [illegible] [illegible].

Stop 3444 [illegible] [illegible] [illegible] with [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] with [illegible] [illegible], Salacia sp. and [illegible] [illegible] and [illegible]. [illegible] [illegible].

Stop 3457 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] Rhaphidophora, [illegible] [illegible], [illegible] sp., and [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] sp. [illegible] [illegible] [illegible] Salacia sp. [illegible] sp. [illegible] [illegible] sp. with [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible].

Stop 3460 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] 3467 [illegible]

Remarks.

Stop 3465 Eh —
No. specimens 17 (1 Eumast + 16 acridids)

Stop 3505 Eh —
No. specimens 7 (1 fly + 6 acridids)

Stop 3535 Eh 93. —
No. specimens 6 (1 fly + 2 Eumast + 3 acridids)

Stop 3513 Eh —
No. specimens 10 Eumast.

Stop 3534 Eh —
No. specimens 4 acridids

[illegible] (spp. [illegible] pl.)

Stop 3465 [illegible]
[illegible]
[illegible]
[illegible] Other cold. [illegible]

3478 [illegible]

3445 [illegible]

Stop 3505 [illegible] with A. [illegible]
[illegible]
A. [illegible] and [illegible]
ground cover consisting of [illegible]
[illegible] Salsola and
Atriplex [illegible]

Stop 3525 [illegible]
[illegible]
[illegible]
[illegible]
[illegible]

Stop 3533 [illegible] tussocks, ground
[illegible]
[illegible] Soil compact loam.

Stop 3534 [illegible] to 3533 [illegible]
[illegible]
[illegible]

Remarks

Stop 3548 ch. —
No specimens 2 acridids

Stop 3550 ch. —
No specimens 7 (1 tumast + 6 acridids)

Stop 3552 ch. —
No specimens 11 (1 tumast + 10 acridids)

Stop 3559 ch. —
No specimens 32 (1 fly + 6 tumast + 25 acridids)

[illegible] [illegible] [illegible] [illegible] in [illegible]
[illegible] [illegible] [illegible]

Camped 3543, [illegible].

3/10/55 Continuing route back to R. [illegible].

Stop 3548 [illegible] of R. [illegible], and [illegible] [illegible] [illegible] [illegible] on [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] with [illegible] [illegible].

Stop 3550 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] forming the open pasture land.

Stop 3552 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] with [illegible] [illegible] of [illegible]. [illegible] [illegible] [illegible] [illegible] with [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] on the ground [illegible].

Stop 3559 Onto rocky hill to [illegible] range. [illegible] [illegible] [illegible] [illegible] [illegible] sp., [illegible] [illegible] lower slope of [illegible] [illegible] Hyeloff [illegible] [illegible] [illegible] [illegible] on hill [illegible] [illegible] [illegible] [illegible] [illegible].

Remarks.

Stop 3561 RL —
No. specimens 5 (2 Eucal. + 3 [illegible])

Stop 3563 RL —
No specimens 7 (3 Eucal. + 1 [illegible] + 3 [illegible])

Stop 3596.5 RL —
No specimens 7 (1 [illegible] + 1 Eucal. + 5 [illegible])

35

[illegible] [illegible] sp. with [illegible] in [illegible].

Stop 3561 Open [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] with [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] by [illegible] [illegible] with [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

Stop 3563 [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] with [illegible] [illegible], [illegible] [illegible] [illegible] with [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

Main Rd. 3570

3595 turned right. Hamilton Downs turnoff

Stop 3596.5 Lower slopes of Range. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. C. [illegible] [illegible] up [illegible] [illegible] with [illegible] returned to main road.

3598 = 3595.

Alice Springs 3610

Remarks.

No. specimens 11 (2 Eumast. + 9 acridids)

Stop 3653 Ch ——
No specimens 39 (4 Eumast + 35 acridids)

Stop 3703 Ch ——
No specimens 19 (1 fly + 18 acridids)

Stop 3704 Ch ——
No specimens 6 acridids

26

4/10/55
Mt. Undoolya Rd. same locality as stop 3641 of 19/9/55.

Left Alice Springs 3636 along Hermannsburg Rd

Stop 3653 Rocky granite hills with [illegible]
gullies [illegible] in [illegible] valley with [illegible]
Eu. [illegible] at base. [illegible]
of whole hill with [illegible] sp.
[illegible]. An [illegible] Eumastacids
present in great numbers, confined
mainly to gullies.
Returned to Alice Springs.

5/10/55 Alice Springs – Santa Teresa.
Alice Springs 3697
Stop 3703 Edge of [illegible] range. [illegible]
Eremophila sp. with few [illegible] on plains.
[illegible] hill. Triodia [illegible]
[illegible] Tephrosia sp. [illegible]
at base and on sides of hill. Sandy area at
[illegible] Macrotorifa sp. trossatting [illegible]
base. [illegible] floribunda. Salsola sp.
[illegible] Tabernaemontana sp.
[illegible] sp.
Stop 3704 Malga plain, open parkland

Remarks.

Stop 3711 [illegible] ——
No. specimens 7 [illegible]

Stop 3717 [illegible] ——
No. specimens [illegible]

[illegible]
formation with Mulga and shrubs of Cassia [illegible] eremophila and in Eremophila sp. pubescens. Number of young mulgas evident. Pasture then surprising Trichinium alopecuroideum Enneapogon with patches of both Eragrostis latifolia and Aristida Browni.

Stop 3711 Floor of valley between 2 ranges of [illegible] [illegible] spinifex (Triodia longiceps) covered hills. [illegible] from banks. Enneapogon with some Cassia sp. and [illegible] [illegible]. Acacia numerous.

No. 3713 Turned about and continued back to Alice Springs.

Stop 3717 Stony flat between hills with old [illegible] trees of [illegible] [illegible] Eremophila and occasional Mulga. Pasture then scrub and [illegible] almost entirely of Trichinium [illegible], some Cassia and Helip. floribunda.

Alice Springs 3749

[illegible]

Stn. 3795 Cl. [illegible]
No. specimens 23 (11 [illegible] + 12 [illegible])

Stn. 3816 Cl. ——
No. specimens 29 (2 [illegible] + 27 [illegible])

Stn. 3822 Cl. ——
No. specimens 35 (1 [illegible] + 3 [illegible] + 31 [illegible])

Stn. 3864 Cl. ——
No. specimens 7 ([illegible])

28

[illegible] — [illegible]
[illegible] 3765

Stn. 3795 [illegible]

Stn. 3816 [illegible]

Stn. 3822 [illegible]

Stn. 3864 [illegible]

Remarks.

Stop 2873 Sh. ——
No. specimens 2 ([illegible] + 1 [illegible])

[illegible]

Stop 2899 Sh. 172, 167
No. specimens 16 (10 [illegible] + [illegible])

Stop 2914 Sh. ——
No. specimens 7 (3 [illegible] + 4 [illegible])

Stop 2919 Sh. ——
No. specimens 11 (3 [illegible] + 8 [illegible])

Stop 2873. Fairly open sandy plain with [illegible] [illegible] [illegible]. [illegible] of [illegible] [illegible] floribunda and [illegible] [illegible].

Stop 2899 [illegible] [illegible] [illegible] [illegible] [illegible] throughout. Ground cover of [illegible] and [illegible] [illegible] [illegible] [illegible].
Camp just

8/10/55

Stop 2914 Open plain [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] in clumps of [illegible] [illegible] [illegible] [illegible] [illegible] of [illegible] [illegible] [illegible] several small [illegible].

Stop 2919 Sandy plain with Accacia aneura [illegible] Callitris sp.; sowdenii and Kempeana in approx equal proportions with Eremophila sp as occasional. Ground cover of Enneapogon, Eragrostis eriopoda, Sida [illegible], Calotis hispidula, Trichinium elymoides, Helipt. florabunda and bracteatum, with Kochia [illegible]

Remarks.

Stop 3927 Sh —
No. specimens 2 (2 [illegible] + [illegible])

Stop 3925 Sh —
No. specimens 21 (1 [illegible] + 2 [illegible] + 1 [illegible] + 17 [illegible])

Stop 3967 Sh 97. 98
No. specimens 21 (2 [illegible] + 1 fly + [illegible])

Stop 3992 Sh —
No. specimens 10 (1 [illegible] + 1 fly + 8 [illegible])

to 2'6" [illegible] throughout.

Stop 3923 Sandy plain [illegible] of Acacia with [illegible] ground cover of Kochia [illegible], A. [illegible], Eragrostis eriopoda, and Eremophila [illegible] with Rhagodia [illegible] under mulga trees.

Stop 3925 Acacia [illegible] with A. [illegible] [illegible] with [illegible] Eremophila sp. to height 12'. [illegible] [illegible] with [illegible] and [illegible] and Eremophila.

3940 Kilgora.

Stop 3967 Open sandy Acacia plain [illegible] [illegible] area of Acacia [illegible] with [illegible] [illegible] [illegible] and Eragrostis [illegible] with [illegible] [illegible] [illegible].

3967 - 3969. [illegible] [illegible] [illegible].

Sandown H.S 3973

Stop 3993 [illegible] [illegible] [illegible] [illegible] to 40' high, with [illegible] A. [illegible] and Eremophila sp. [illegible] [illegible] throughout area.

Remarks.

Stop 4003 Ch — No specimens [illegible]

Stop 4017 Ch —
No specimens 15 (1 fly + 2 [illegible] + 12 [illegible])

Stop 4036 Ch —
No specimens 21 (3 [illegible] + 1 [illegible] + 2 [illegible] + 7 [illegible] + [illegible])

Stop 4058 Ch —
No specimens 3 [illegible]

Stop 4064 Ch —
No specimens 11 [illegible]

4003 ~~[illegible]~~? 1 [illegible] ♀ [illegible]

Stop 4017 Low [illegible] of stony [illegible] collection made on undulating slopes [illegible] with small [illegible]. Pasture [illegible], Keeling [illegible] and [illegible] growing principally around butts of trees.

Stop 4036 [illegible] adjacent to swamp. A. [illegible] ([illegible]) with [illegible]. Pasture [illegible]. [illegible] and [illegible] Rhagodia. [illegible] + [illegible] A. [illegible]. [illegible] A. [illegible]

Compiled

9/10/55

Stop 4058 [illegible] with [illegible]. [illegible] with [illegible]. [illegible] and [illegible].

Stop 4064 Undulating stony rise with pebbles [illegible] in size. [illegible] ([illegible]) with [illegible]

Remarks

Stop 4077 El. —
No. specimens 4 acridids

Stop 4080 El. 104
No. specimens 5 (4 [illegible], + 1 acridid)

Stop 4087 El. —
No. specimens 20 acridids

Stop 4122 El. —
No. specimens 1 acridid

[illegible] and Ceanothus [illegible] few trees. Some
Ceanothus but mostly [illegible] found. No
sparse ground vegetation.

Stop 4077 [illegible]
[illegible]
[illegible].

Stop 4080 [illegible] and [illegible]
[illegible] Mitchell [illegible]
of [illegible]. [illegible]
but [illegible]
as [illegible].

Stop 4087 [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
to stop [illegible].

4082 Wellman Hill N.S.

4085 [illegible] Nat Well

Stop 4122 [illegible]
[illegible] flat tops. [illegible]
slopes. [illegible]
[illegible].

Remarks

Stap 4164   Ch. —
No. specimens 4 (1 [illegible] + 3 [illegible])

Stap 4171   Ch. —
No. specimens 21 (5 [illegible] + 1 [illegible] + 15 [illegible])

Stap 4185   Ch. —
No. specimens 8 [illegible].

[illegible]

4124 [illegible]

4142 [illegible]

Stap 4164 [illegible]

Stap 4171 [illegible] 4164 with more ground [illegible]

Camp [illegible]

10/10/55

Stap 4185 [illegible]

Remarks

Stop 4195 bh —
No. specimens 4 (3 Tettig + 1 Locust + Psocids)

Stop 4209 bh —
No. specimens 1 acridid.

Stop 4210 bh — No specimens 5 acridids

Stop 4218 bh —
No specimens 7 (acridids)

Stop 4261 bh —
No specimens 17 acridids

Vegetation in general consisting of Grass & some bushes, e.g. Salsola and [illegible] [illegible] of [illegible] found in general.

Stop 4195 [illegible]

[illegible] [illegible] [illegible] bank [illegible].

Stop 4209 [illegible]

[illegible] [illegible].

Stop No. 4210

Stop 4218 [illegible]

[illegible] [illegible] 4261

Stop 4261 [illegible]

Remarks

Stat. 4264 Ch. —
No specimens [illegible]

Stat. 4272 Ch. —
No specimens [illegible]

Stat. 4287 Ch. —
No specimens [illegible]

4315 Ch. — No. specimens 10 ([illegible] + [illegible])

[illegible]

Stat. 4325 Ch. —
No specimens [illegible]

Stat. 4264. [illegible]

Stat. 4272 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] in patches,

Stat. 4287 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] 4315 [illegible] [illegible] [illegible].

11/10/55

4329 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

4331 [illegible] [illegible].

Stat. 4325 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

Remarks

Stop 4344 Sh. —
No. specimens 7 [illegible]

Stop 4366 Sh. —
No. specimens 7 [illegible]

Stop 4401 Sh. —
No. specimens 28 [illegible]

Stop 4505 Sh. —
No. specimens 5 [illegible]

The Tanks 4341 → H.S.

Stop 4344 [illegible]

Mt. Eba 4364 → H.S.

Stop 4366 Gibber plain – red black [illegible] stones [illegible] nov. 72. [illegible] pattern with shallow depressions [illegible], Austroicetes interioris, [illegible] Salsola, [illegible] Bassia invaricata [illegible] floribunda, small Eremophila shrub to 2 ft. with old Panicum & Astrebla tussocks.

4384 [illegible] H.S.

Stop 4401 R. [illegible] K. [illegible] K. triptera [illegible] as occur under the R. [illegible] on K. triptera.

Kingoonya 4425

Stop 4505 Camp site = 8 E [illegible] [illegible]

Remarks:

Stop 4623 Ch —
Nt. [illegible] 22 (15 [illegible] + 1 [illegible] + [illegible]

Stop 4588 A [illegible] on [illegible] plain with [illegible], [illegible] & [illegible]
Sight records only. Callitera sp, Brachyp. [illegible] sp as for 4401. Azelota. Urnisia. Peakesia (blue tibia)

Stop 4597. Same ecology as for 4588.
Callitera, Azelota, Urnisia, Ch. terminifera [illegible] (blue tibia) Coryphistes, Urnisiella

At 4602. Band Ch. terminifera crossing rd. from S.W. to N.E. 40 yds wide
4609 Hesso.

4623. A [illegible] with [illegible] [illegible] [illegible]
[illegible]

Pt Augusta 4641.

C/- C.S.I.R.O.
L.R.R.S.
Alice Springs N.T.
30/9/55

Dear Ken,

Sorry I have been unable to answer your telegram sooner but have just returned from a trip with the others lasting five days. Firstly to keep you in contact with the collecting I will give you the itiniery so far completed, then that contemplated.

Our trip was straight through and non-collective until we reached Gladstone S.A. From here on we started to make several stops but the acridid position was not very good as most things were in the young nymphal stage.

Progress Trip as follows as from Gladstone S.A

1. Gladstone via Germein Pass, Pt. Germein, Lower Alligator Gorge — Pt. Augusta. Mileage records & stops for this section 2397 — 2465

2. Pt. Augusta to Quorn + beyond Quorn a few miles. 2484 — 2502.

3. Quorn — Alice Springs. A few specimens were taken at stopping points along the line. — Boorthanna. < Duff Creek, Edwards Creek.

4. Alice Springs (2526) — Standly Chasm. 2559 — 2561.

5. Alice Springs (2607) — beyond Mt Undoolya — 2624 — 2666.

6. Alice Springs (2688) — Burts Plain (nth. along Hwy). 2720 — 2727.

7. Mt. Gillen 2762.

KHLK.

8/ Alice Springs (2776) — Haasts Bluff via Hermannsburg — 2807 — 2929.

9/ Haasts Bluff — Mt Chappel Bore via Narweitooma 2929 — 3017.

10/ Mt. Chappel Bore — L.R.R.S. camp on Hamilton Downs thence return to Alice Springs — 3017 — 3172.

11/ Mt. Gillen.

12/ Trip Alice Springs (3216). south following railway line to point 24 mls. south — 3237 — 3251.

That itinery covers what areas have been traversed so far. Today we leave for Harts Range to the NE of Alice Springs for a few days arriving back here on Oct 3rd. doing several short trips out then leave south on the 9th for return trip ~~of~~ on the way back to Canberra. I am coming as far south as Kingoonya where I will pick up the Trans-Continental for Adelaide and fly back to Canberra. Arriving back on the 14th or 15th.

Collecting to Date.

The rocky hills and peaks have to my mind been quite dissappointing and very little of interest has been taken from these areas. Mt Gillen in particular yielded very little. Spinifex areas have been by far the best, a good variety has been got and Warramunga's have been plentiful.

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On the plains where annuals have formed the dominant ground cover Moraba's have been numerous although predominantly one species. So far have not had time to check through what has been taken so far but hazard a guess at approximately 6 species of Moraba's. Callitala have been very elusive and so far have not been able to find their relative associated shrub or plant sp. although I think I have taken 2 sp. represented collectively by 4-5 specimens.
Warramunga's have been taken from spinifex, Bassia complex and tussocky Chloris areas, the Spinifex group probably differing from those of the other 2 habitats.

For the rest except for some interesting brachypterous specimens and Macrotona - related genera have been much as expected. The macrotona's have yielded groups allied to those taken by John Calaby in the NW. of W.A. One in particular a fat black one represented in the collection by 4-5 specimens.

Keyacris was taken at Hamilton Downs on a Verbenaceous plant. Dicrastylis. I managed to get a ~~series~~ of approx 7-8 ♂ & the same ♀s. Also present on the same plant was a Genus related to Happarana that you took in March,* attracted to lights, but in this case they are all brachypterous.

That covers roughly things of interest to date. I have 3½ boxes filled so far. I may not need the extra box sent for but thought it best to have it on hand in case needed, especially if the trip south is fruitful.

Had bother with the killing bottles. On arrival here all had sweated horribly & as a result you will probably find setting etc in portion of box I a bit rough and that specimens in some instance have discolored somewhat & are powder encrusted. I found that specimens taken out from the sweating bottles set firmly within a few minutes & their position couldn't be changed at all. Made up new bottle & this has been overcome.

Have made about 75 ~~[illegible]~~ tube dissections so far for Michael. Several of these are represented by 10 or so dissections to one tube where I felt satisfied the sp were the same, so ~~[illegible]~~ probably there is material for 100 slides. I will forward this material on in a few days time together with another 2 store boxes.

Concerning the Trangie trip I feel that after the trip here I would like a break of a week in Canberra if possible. Am not certain whether you are going up for longer than a few days or not, but if it can be possibly delayed would like to stay home till the 21st.

Thank Janis for his note, and should see you soon.

Regards.
Lew